

BMP Standards

Best Management Practices (BMPs,) are stormwater pollution controls that must be used to prevent pollutants from entering the City's storm sewer system (MS4). All BMPs must be appropriate for the source and designed, installed and maintained in a manner to ensure that they function properly for the duration of the project. The following are references for BMP design, installation and maintenance:

- 1) Urban Drainage and Flood Control District's Urban Storm Drainage Criteria Manual Volume 3 - Best Management Practices

http://www.udfcd.org/downloads/down_critmanual_volIII.htm

- 2) Colorado Department of Transportation Standard Specifications for Road and Bridge Construction

<http://www.coloradodot.info/business/designsupport/construction-specifications/2011-Specs/2011-specs-book/2011-Specs-Book.pdf/view>

Additional Resources

City of Longmont

<http://longmontcolorado.gov/departments/departments-e-m/environment/water-quality/stormwater-quality-program/construction-activity-permits>

Keep It Clean Partnership

www.keepitcleanpartnership.org

(303) 441-1439

Colorado Department of Public Health
and Environment (CDPHE)

www.cdphe.state.co.us

(303)692-3517

Nonpoint Source Colorado

www.npscolorado.com

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Environmental Services
Division*



Stormwater Pollution Control Guide



Managing Your Construction Site

Top Stormwater Violations



The City of Longmont actively inspects construction sites to ensure compliance with its stormwater (MS4) permit. Inspections focus on current site conditions and the control of pollutants associated with stormwater runoff from the site. Inspections also ensure that erosion and sediment controls are installed in accordance with the City-approved site plans and Stormwater Construction Activity Permit (SCAP).

The following list describes Best Management Practices (BMPs) that are most commonly involved in **violations of stormwater regulations**. This list is provided as guidance for builders.

Best Management Practices Guidelines

1) Inlet Protection

Inlets need to be protected at all times with BMPs that meet approved design standards. Inlet protection must be inspected and maintained regularly. Sediment buildup can clog inlet protection and cause water to pool around the inlet rather than filter the water as intended.

2) Vehicle Tracking Control (VTC)

VTCs must be constructed in accordance with your approved site plan and applicable BMP design standards. Remember, crushed concrete is NOT allowed in VTC construction.

3) Concrete Washout (CWA)

The concrete washout must be built in accordance with approved design standards and have clean signage indicating the location of the CWA. The CWA must be cleaned out once it is 2/3 full.

4) Street, Gutter and Sidewalk Sweeping

Streets and gutters are part of the City's storm sewer system (MS4). Street sweeping should be conducted regularly NOT just at the end of the day.

5) Portable Toilets

All portable toilets must be staked or otherwise secured and located out of the flow line of the gutter at all times.

6) BMP Maintenance

All BMPs must be installed in accordance with installation details and inspected and maintained regularly.

7) Updated Site Plan

In accordance with the Stormwater Construction Activity Permit the permittee must keep an updated site plan/sediment and erosion control plan on site and readily available at all times during active construction. The site plan should be updated regularly to indicate changes in the BMPs on site.

8) Sediment Tracking

Sediment tracking onto City streets and gutters is an illegal discharge and must be monitored and addressed on a regular basis. Vehicle tracking off individual sites can be prevented by utilizing tracking control devices such as temporary track mats. Remember, foam wattles should not be driven over and are NOT tracking controls.

9) Vehicle Fluid Spills

Fluid spills and leaks from vehicles and construction equipment are illegal discharges to the MS4 unless they are cleaned up immediately. Note that the State of Colorado's stormwater management plan requirements state that all vehicle fluid spills must be cleaned immediately upon discovery, that an immediate site inspection be performed to locate the source and that the spills must be reported in the stormwater inspections.

10) Material Storage

Chemicals, fuel and other materials that could be sources of pollution in stormwater runoff must be controlled in a manner to prevent discharge to the MS4. Liquids must have secondary containment to eliminate spills and discharges.